

INDUSTRIAL COMPONENT DATA

GMSTBV 2,5/ 7-GF-7,62PA1,3,5,7 1094924 PHOENIX CONTACT

Housing base printed circuit board, number of poles: ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: GMSTBV 2,5/ 7-GF-7,62PA1,3,5,7



Manufacturer	PHOENIX CONTACT
MPN / Reference	GMSTBV 2,5/ 7-GF-7,62PA1,3,5,7
Catalog number	1094924
Category	Printed circuit board connector
Minimum order	1000 Pcs
Document ID	EO-9816527D16
Generated	2026-08-06

Product Overview

Housing base printed circuit board, number of poles: 7, pitch: 7.62 mm, color: green
Printed circuit board base housing, nominal section: 2.5 mm², color: green, nominal current: 12 A, nominal voltage (III/2): 630 V, contact surface: Tin, contact type: Male, number of potentials: 4, number of rows: 1, number of poles: 7, number of connections: 4, family of articles: GMSTBV 2.5/.. -GF, pitch: 7.62 mm, mounting: Wave soldering, pin arrangement: Linear pin arrangement, pin length [P]: 3.9 mm, number of solder pins per potential: 1, plug-in system: COMBICON MSTB 2.5, Plug-in face orientation: Standard, locking: Screw lock, fixing type: Air clamping (thread), packaging type: boxed

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path	PHOENIX CONTACT > PCB Connectors (PCC)
--------------	--

Additional Product Information

Technical dataItem PropertiesProduct Type Printed circuit board base housing
Product Family GMSTBV 2.5/.. -GF
Product Line COMBICON Connectors M
Number of poles 4
Step 7.62 mm
Number of connections 4
Number of rows 1
Number of potentials 4
Pin Design Linear Pin Arrangement
Number of Solder Pins Per Potential 1

Data Maintenance Status

Article Review 01

Electrical PropertiesNominal Current IN 12 A

Nominal voltage UN 630 V

Contact resistance 2 m?

Sizing voltage (III/3) 400 V

Dimensioning transient voltage (III/3) 6 kV

Dimensioning voltage (III/2) 630 V

Dimensioning Transient Voltage (III/2) 6 kV

Nominal voltage (II/2) 630 V

Dimensioning transient voltage (II/2) 6 kV

assemblyType of mounting Wave soldering

Pin Design Linear Pin Arrangement

bridle

Tightening torque 0.3 Nm

Fixing on the printed circuit board

Tightening torque 0.3 Nm

Screw ISO 1481-ST 2.2x6.5 C or ISO 7049-ST 2.2x6.5 C sheet metal screw

Material DataMaterial data - contact

Observation WEEE/RoHS compliant, filament-free according to IEC 60068-2-82/JEDEC JESD 201

Contact material Cu Alloy

Surface Characteristics Galvanically tinned

Metal surface contact area (top layer) Tin (3 - 5 um Sn)

Metal Surface Contact Area (Middle Layer) Nickel (1.3 - 3 um Ni)

Metal surface weld area (top layer) Tin (3 - 5 um Sn)

Metal Surface Welding Area (Middle Layer) Nickel (1.3 - 3 um Ni)

Material data - housing

Color (Housing) Green (6021)

Insulating material PA

Insulating material group I

CTI according to IEC 60112 600

Flammability cla...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / GMSTBV 2,5/ 7-GF-7,62PA1,3,5,7 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.